DOCUMENT RESUME

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TITLE	Mathematics--Diagnostic: Grade 7 and Above. ETS Test Collection. Annotated Bibliography of Tests.
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IDENTIFIERS	Placement Tests; Test Bibliographies; Test Collection (Educational Testing Service)

ABSTRACT

The 46 diagnostic mathematics tests cited in this bibliography are instruments to aid in analyzing student's strengths and weakness in various mathematical areas so as to provide more effective instruction. Although all ages are represented, the tests are primarily designed for grade level 7 and above. Each test citation may include the following data elements: AN (a six-digit identification number assigned by the Test Collection); TI (name of the instrument); DT (components within the overall test that assess particular skills or factors); AU (personal or institutional author); YR (year in which the test was published or copyrighted); AV (test publisher or distributor); GL (list of grades for which the test is suitable); TG (list of ages for which the test is suitable); and AB (a description of the test and its purpose). (HAC)

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ETS TEST COLLECTION

ANNOTATED BIBLIOGRAPHY OF TESTS

MATHEMATICS — DIAGNOSTIC

GRADE 7 AND ABOVE

ED 366 602

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Princeton, New Jersey

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TEST COLLECTION
EDUCATIONAL TESTING SERVICE
PRINCETON, NJ 08541

MATHEMATICS - DIAGNOSTIC, GRADES 7 AND ABOVE
NOVEMBER 1991

SUPERSEDES MARCH, 1990 EDITION

INTRODUCTION

Scope of Bibliography

The tests described in this bibliography were designed to aid in analyzing students' strengths and weaknesses in various mathematical areas so as to provide more effective instruction, and/or placement in courses of instruction.

Availability

Copies of the tests described on the following pages must be obtained directly from the publisher, as stated in the AV AVAILABILITY section of each test citation. Generally, the Test Collection does not have distribution rights for its holdings. However, in special instances, the Test Collection has been granted permission from individual authors to distribute their tests, which are primarily research instruments. The AV AVAILABILITY information for these instruments will be Tests in Microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.

Guide to Citation Elements

The following is a guide to the various elements which may be present in a test citation:

AN - Six-digit identification number assigned by the Test Collection

TI - Name of the instrument

DT - Components within the overall test which assess particular skills or factors

AU - Personal or institutional author

YR - Year test was published or copyrighted

AV - Test publisher or distributor; the organization which sells or distributes the instrument

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GL - List of grades for which test is suitable

TG - List of ages for which test is suitable

AB - A description of the test and its purpose

INDEX OF TITLES

Page

ACT ASSET Program 13
Adult Basic Education/Learning Disabilities Screening Test 26
Adult Basic Learning Examination, Second Edition 16
Analytic Learning Disability Assessment 23
Basic Achievement Skills Individual Screener 23
Brigance Diagnostic Comprehensive Inventory of Basic Skills 24
Brigance Diagnostic Inventory of Essential Skills 26
California Diagnostic Mathematics Tests, Level F 12
Collegiate Placement Examinations 5
DMI Mathematics Systems: System 1, Level G 21
Descriptive Tests of Mathematics Skills, Revised 7
Diagnostic Achievement Test for Adolescents 17
Diagnostic Tests for Minimal Math Competencies 18
Diagnostic Screening Test: Math, Third Edition, Revised 22
EDS Diagnostic Skill Level Inventory for Advanced Mathematics 25
EDS Diagnostic Skill Level Inventory for Basic Mathematics 24
EDS Diagnostic Skill Level Inventory for Mathematics 25
Hudson Education Skills Inventory - Mathematics 6
Independent School Entrance Examination: Upper Level 5
Kaufman Test of Educational Achievement, Comprehensive Form 18
Key Math, Form A: A Diagnostic Inventory of Essential Mathematics .. 6
Key Math, Form B: A Diagnostic Inventory of Essential Mathematics .. 5
MAA Placement Test Program, Advanced Algebra Test, AA 11
MAA Placement Test Program, Basic Algebra Test, BA 10
MAA Placement Test Program, Basic and Advanced Algebra Test, A 11
MAA Placement Test Program Basic Skills Test, A-SK 10
MAA Placement Test Program, Calculus Readiness Test, CR 9
MAA Placement Test Program, High School-Elementary, HS-E 9
MAA Placement Test Program, High School-Intermediate, HS-I 9
MAA Placement Test Program, Trigonometry/Elementary Functions Test T 8
MAPS 17
Martinez Assessment of the Basic Skills: Criterion-Referenced Diagnostic Testing of Basic Skills 21
Maths Microprobe 27
Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests 15
Noonan-Spradley Diagnostic Program of Computational Skills 26
Pollack-Branden Inventory for Identification of Learning Disabilities, Dyslexia, and Classroom Dysfunction 16

Page

Sequential Assessment of Mathematics Inventories 20
Stanford Diagnostic Mathematics Test, Third Edition, Blue Level 20
Stanford Diagnostic Mathematics Test, Third Edition, Brown Level ... 21
Surveys of Problem Solving and Educational Skills: Survey of Educational Skills 7
Tests for Adult Basic Education, Forms 5 and 6 15
WICAT Skills Assessment Test - Florida 12
WICAT Skills Assessment Test - Texas 12
WICAT Test Creation Package 13
Wisconsin Mathematics Test, Grade 7 23
Wisconsin Mathematics Test, Grade 8 22

AN ACCESSION NUMBER: TC016266 ETS 8908.
TI TITLE: Independent School Entrance Examination: Upper Level.
DT SUBTESTS: Verbal Aptitude-Synonyms, Sentence Completion; Quantitative Aptitude-Concepts/Understanding, Application; Reading Comprehension-Science Passages, Social Studies Passages; Mathematics Achievement-Arithmetic Concepts, Algebraic Concepts, Geometric Concepts, Logic Proof by Computer, Essay.
AU INSTITUTIONAL AUTHOR: Educational Records Bureau, Wellesley, MA.
YR YEAR: 89.
AV AVAILABILITY: Educational Records Bureau; Bardwell Hall, 37 Cameron Street, Wellesley, MA 02181-6599.
GL GRADE LEVEL: 8; 9; 10; 11.
NT NOTES:
TIME: 180.
ITEMS: 210.
AB ABSTRACT: The ISEE is a secure, standardized admissions test for use by schools who are members of the Educational Records Bureau (ERB) consortium. A lower-level test for grades 5-7 (TC 016255) is available. The ISEE is used to facilitate student placement in course levels and for identifying areas in which the student needs help. Also provides a sample of the prospective student's writing.

AN ACCESSION NUMBER: TC016254 ETS 8908.
TI TITLE: Collegiate Placement Examinations.
AU INSTITUTIONAL AUTHOR: American College Testing Program, Iowa City, IA.
YR YEAR: 88.
AV AVAILABILITY: American College Testing Program; P.O. Box 168; Iowa City, IA 52240.
GL GRADE LEVEL: Higher Education.
AB ABSTRACT: This series of examinations is designed for use in course placement of college students. They were developed to fit the needs of specific university systems to measure entry-level skills in English, reading and mathematics.

AN ACCESSION NUMBER: TC016182 ETS 8908.
TI TITLE: Key Math, Form B: A Diagnostic Inventory of Essential Mathematics.
DT SUBTESTS: Numeration; Rational Numbers; Geometry; Addition; Subtraction; Multiplication; Division; Mental Computation; Measurement; Time and Money; Estimation; Interpreting Data; Problem Solving.
AU AUTHOR: Connolly-Austin-J.
YR YEAR: 88.
AV AVAILABILITY: American Guidance Service; Publishers' Building, Circle Pines, MN 55014-1796.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
NT NOTES:
TIME: 40.

AB ABSTRACT: This revision of the Key Math Diagnostic Arithmetic Test measures a student's knowledge of basic concepts, operations and applications. It is individually administered. Two parallel forms are available. Each subtest allows analysis of its three or four domains to determine strengths and weaknesses. Has spring and fall norms. Scores available are: percentile ranks, stanines, normal curve equivalents, grade equivalents, and age equivalents. Software is available to complete scoring. Several of the previous edition's subtests were expanded and three new subtests were added on estimation, data interpretation, and problem solving. Extensive information on validity, reliability and other technical considerations is provided.

AN ACCESSION NUMBER: TC016181 ETS 8908.
TI TITLE: Key Math, Form A: A Diagnostic Inventory of Essential Mathematics.
DT SUBTESTS: Numeration; Rational Numbers; Geometry; Addition; Subtraction; Multiplication; Division; Mental Computation; Measurement; Time and Money; Estimation; Interpreting Data; Problem Solving.
AU AUTHOR: Connolly-Austin-J.
YR YEAR: 88.
AV AVAILABILITY: American Guidance Service; Publishers' Building, Circle Pines, MN 55014-1796.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
NT NOTES:
TIME: 40.
AB ABSTRACT: This revision of the Key Math Diagnostic Arithmetic Test measures a student's knowledge of basic concepts, operations and applications. It is individually administered. Two parallel forms are available. Each subtest allows analysis of its three or four domains to determine strengths and weaknesses. Has spring and fall norms. Scores available are: percentile ranks, stanines, normal curve equivalents, grade equivalents, and age equivalents. Software is available to complete scoring. Several of the previous edition's subtests were expanded and three new subtests were added on estimation, data interpretation, and problem solving. Extensive information on validity, reliability and other technical considerations is provided.

AN ACCESSION NUMBER: TC016089 ETS 8904.
TI TITLE: Hudson Education Skills Inventory - Mathematics.
DT SUBTESTS: Numeration; Addition of Whole Numbers; Subtraction of Whole Numbers; Multiplication of Whole Numbers; Division of Whole Numbers; Fractions; Decimals; Percentages; Time; Money; Measurement; Statistics, Graphs, and Tables; Geometry; Word Problems.
AU AUTHOR: Hudson-Floyd-G; Colson-Steven-E.
YR YEAR: 89.

AV AVAILABILITY: PRO-ED; 8700 Shoal Creek Boulevard, Austin, TX 78758.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
AB ABSTRACT: Designed for use with students in grades K-12 who have dysfunctional learning patterns. Used to assess students' present level of performance in basic educational skills from a representative curriculum. Is a curriculm-based assessment tool using criterion-referenced principles and was developed to assist teachers, diagnosticians, and other educational specialists in assessing the academic performance of the targeted group. Assesses performance in specific curriculum skills, subskills, and objectives that are commonly taught in a continuous-progress K-6 curriculum. The K-6 structure is appropriate for assessing basic skill level of dysfunctional students in elementary, junior high, and senior high school grades. Provides the kinds of information needed for proper individualized education program (IEP) development.

AN ACCESSION NUMBER: TC016067 ETS 8904.
TI TITLE: Descriptive Tests of Mathematics Skills, Revised.
DT SUBTESTS: Arithmetic Skills; Elementary Algebra Skills; Intermediate Algebra Skills; Functions and Graphs (Calculus Readiness).
AU INSTITUTIONAL AUTHOR: The College Board, New York, NY.
YR YEAR: 88.
AV AVAILABILITY: Multiple Assessment Programs and Services; Educational Testing Service, P.O. Box 6725; Princeton, NJ 08541-6725.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 120.
ITEMS: 130.
AB ABSTRACT: The DTMS is designed for use by two- and four-year colleges for both large scale and individual screening of entry-level students in basic academic competencies. Provides information for decisions regarding student placement and remediation, determination of effects of instructional programs, identification of students needing further testing, counseling for course selection. Support materials include instructor's guide with follow-up activities for remediation. Parallel forms for posttesting to assess mastery and outcomes are available. Self-scoring answer sheets are available. Microcomputer scoring will be available in Spring, 1989. A companion test of language skills is available.

AN ACCESSION NUMBER: TC016064 ETS 8904.
TI TITLE: Surveys of Problem Solving and Educational Skills: Survey of Educational Skills.
DT SUBTESTS: Reading; Sight Vocabulary; Decoding Isolated Words; Decoding Text; Comprehension, Free Recall/Reformulation; Comprehension, Structured Questions; Writing; Automatized Alphabet Production; Motor Planning; Spatial Organization; Symbol

Production; Language Usage; Overall Productivity; Spelling; Recognition; Retrieval; In-Context Spelling; Mathematics; Automatized Operations; Computation; Concepts; Application; Efficiency of Approaching Tasks; Flexibility in Applying Strategies; Style of Approaching Tasks; Attention; Responsiveness During Assessment.

AU AUTHOR: Meltzer-Lynn-J.

YR YEAR: 87.

AV AVAILABILITY: Educators Publishing Service; 75 Moulton Street, Cambridge, MA 02138.

TG TARGET AUDIENCE: AGE 9-15.

NT NOTES:
TIME: 45; approx.
ITEMS: 112.

AB ABSTRACT: This test, with its companion instrument the Survey of Problem Solving Skills, evaluates the connection between problem solving strategies, learning processes and educational outcomes. The SEDS is designed to identify processes and strategies used to perform reading, writing, spelling, and mathematical tasks. The test administrator records results and rates student performance during the examination. A summary profile provides a synopsis of findings. Included are measures of reading comprehension, vocabulary, decoding; writing in terms of organization, alphabet production, language usage, overall productivity; spelling recognition and retrieval; mathematics operations, computation, concepts, application. These are criterion-referenced measures.

AN ACCESSION NUMBER: TC015939 ETS 8901.

TI TITLE: MAA Placement Test Program, Trigonometry/Elementary Functions Test T.

AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.

YR YEAR: 82.

AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.

GL GRADE LEVEL: Higher Education.

NT NOTES:
TIME: 45.
ITEMS: 30.

AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Covers basic skills from trigonometry and elementary functions. Test consists of two parts. Part I contains 15 questions from plane trigonometry. Part II contains 15 questions on elementary functions and analytic geometry. Each part may be administered separately. There are two parallel forms of the test available. Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively.

AN ACCESSION NUMBER: TC015938 ETS 8901.
TI TITLE: MAA Placement Test Program, High School-Intermediate, HS-I.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 83.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: 11.
NT NOTES:
TIME: 45.
ITEMS: 32.
AB ABSTRACT: Prognostic mathematics test. Designed to test high school juniors and give projected placement in college mathematics. Purpose is to make students aware of any weaknesses in their mathematical skills while there is still time to take corrective action before entering college. Test is constructed around the Basic Algebra Test, BA, by adding seven items in arithmetic and basic skills. The additional items in High School-Intermediate (HS-I) are more difficult than those in High School-Elementary (HS-E). HS-I should be given to students who have completed or are taking Algebra II.

AN ACCESSION NUMBER: TC015937 ETS 8901.
TI TITLE: MAA Placement Test Program, High School-Elementary, HS-E.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 83.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: 11.
NT NOTES:
TIME: 45.
ITEMS: 32.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Prognostic mathematics test. Designed to test high school juniors and give projected placement in college mathematics. Purpose is to make students aware of any weaknesses in their mathematicsl skills while there is still time to take corrective action before entering college. Test is constructed around the Basic Algebra Test, BA, by adding seven items in arithmetic and basic skills. The additional items in High School-Intermediate (HS-I) are more difficult than those in High School-Elementary (HS-E). HS-E is more appropriate for the less advanced students.

AN ACCESSION NUMBER: TC015936 ETS 8901.
TI TITLE: MAA Placement Test Program, Calculus Readiness Test, CR.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 82.

AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 30; Approx.
ITEMS: 25.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Designed to show a student's potential for handling calculus, either business calculus or the engineering-physical science type of calculus. Does not cover the content of a typical precalculus course. Concentrates on material related to the content of calculus. Two parallel forms of the test are available. Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively. A separate form for calculator users is available.

AN ACCESSION NUMBER: TC015934 ETS 8901.
TI TITLE: MAA Placement Test Program Basic Skills Test, A-SK.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 82.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 40.
ITEMS: 32.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. There are two versions of the Basic Skills Test, SK (25 questions) and A-SK (32 questions). Questions 8-32 in A-SK are parallel to questions 1-25 in SK. Part I contains 20 questions on arithmetic. Part II contains 12 questions on pre-algebra, word problems, graphs and figures. Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively. A separate form for calculator users is available.

AN ACCESSION NUMBER: TC015933 ETS 8901.
TI TITLE: MAA Placement Test Program, Basic Algebra Test, BA.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 82.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 30.

ITEMS: 25.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Consists of 25 questions from elementary and intermediate algebra. Two parallel forms are available. Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively. A separate form for calculator users is available.

AN ACCESSION NUMBER: TC015932 ETS 8901.
TI TITLE: MAA Placement Test Program, Basic and Advanced Algebra Test, A.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 82.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 45.
ITEMS: 32.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Consists of 32 questions from elementary, intermediate, and college algebra. Two parallel forms are available. Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively. A separate form for calculator users is available.

AN ACCESSION NUMBER: TC015931 ETS 8901.
TI TITLE: MAA Placement Test Program, Advanced Algebra Test, AA.
AU INSTITUTIONAL AUTHOR: Mathematical Association of America, Washington, DC.
YR YEAR: 82.
AV AVAILABILITY: Mathematical Association of America; 1529 Eighteenth Street, NW, Washington, DC 20077-6240.
GL GRADE LEVEL: Higher Education.
NT NOTES:
TIME: 30.
ITEMS: 25.
AB ABSTRACT: Placement test for entering college students into entry-level mathematics courses. Consists of 25 questions from intermediate and college algebra. Two parallel forms are available. Placement Test Program was established to assist two- and four-year colleges and universities with the development of on-campus placement programs to assess the mathematical skills of new students objectively.

AN ACCESSION NUMBER: TC015924 ETS 8908.
TI TITLE: California Diagnostic Mathematics Tests, Level F.
DT SUBTESTS: Number Concepts; Computation; Mathematics Applications; Life Skills.
AU INSTITUTIONAL AUTHOR: CTB/McGraw Hill, Monterey, CA.
YR YEAR: 89.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 157.
AB ABSTRACT: Used to provide teachers with diagnostic information needed to plan remedial instruction for individual students or groups of students. Content and difficulty of various levels were developed with the special needs of lower-achieving students in mind. In addition to objectives-based diagnostic information, test also provides norm-referenced information for evaluating individual and group progress and for fulfilling state and federal requirements for compensatory education and other specially funded programs. Assesses student performance in three areas: number concepts, computation, and mathematics applications. CDMT is not a timed test.

AN ACCESSION NUMBER: TC015580 ETS 8807.
TI TITLE: WICAT Skills Assessment Test - Florida.
DT SUBTESTS: Mathematics; Reading; Writing.
AU INSTITUTIONAL AUTHOR: WICAT Systems, Orem, UT.
YR YEAR: 87.
AV AVAILABILITY: WICAT Systems; 1875 South State Street, Orem, UT 84058.
GL GRADE LEVEL: 3; 5; 8; 11.
NT NOTES:
ITEMS: 46.
AB ABSTRACT: Designed to measure student performance in subject areas against state-mandated minimum performance standards. Provides information for teachers to make individual curriculum and instructional decisions. Test results are said to be predictive of student performance on the state testing program and helpful in preparing students for the state tests. Prescriptive strategies for improving student performance are given. Tests can be administered online or via paper and pencil. When given online, Wicat Systems Computer Workstations are used. Also runs on IBM-PC and Apple IIe.

AN ACCESSION NUMBER: TC015579 ETS 8807.
TI TITLE: WICAT Skills Assessment Test - Texas.
DT SUBTESTS: Reading; Writing; Mathematics.
AU INSTITUTIONAL AUTHOR: WICAT Systems, Orem, UT.
YR YEAR: 87.
AV AVAILABILITY: WICAT Systems; 1875 South State Street, Orem, UT 84058.

GL GRADE LEVEL: 3; 5; 7; 9; 11.
NT NOTES:
ITEMS: 40.
AB ABSTRACT: Designed to measure student performance in subject areas, against state-mandated minimum skill objectives, for curriculum and instructional decisions. Based on the 1986 Texas Educational Assessment of Minimum Skills (TEAMS). Individual student scores are said to be predictive of success on the TEAMS. Prescriptive reports refer to specific lessons in WICAT-developed curriculum materials. Tests can be administered online or via paper and pencil. One test is available for each subject area, for each grade level. Each test measures ten objectives. Tests are administered via WICAT systems computer workstations when given online. Also runs on IBM-PC and Apple IIe.

AN ACCESSION NUMBER: TC015575 ETS 8807.
TI TITLE: WICAT Test Creation Package.
DT SUBTESTS: Reading; Mathematics; Language Arts.
AU INSTITUTIONAL AUTHOR: WICAT Systems, Orem, UT.
YR YEAR: 87.
AV AVAILABILITY: WICAT Systems; 1875 South State Street, Orem, UT 84058.
GL GRADE LEVEL: 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
AB ABSTRACT: This relational database software package is designed for use by testing specialists in preparing localized criterion-referenced tests. Tailored to school district objectives, in paper-and-pencil and online administration formats. Contains data-banks of 700 objectives, 5000 test items and also teaching prescriptions. Said to be useful for both mainstream and special students. Online tests are scored automatically. Paper-and-pencil tests are scored via document scanner and scoring software. Report options include objectives-based, prescriptive student and class reports and conventional item analysis. Preparation of parallel forms and adaptive test administration is also performed. WICAT supplies the necessary computer software. Also runs on IBM-PC and Apple IIe.

AN ACCESSION NUMBER: TC014657 ETS 8904.
TI TITLE: ACT ASSET Program.
AU INSTITUTIONAL AUTHOR: American College Testing Program, Iowa City, IA.
YR YEAR: 83.
AV AVAILABILITY: ACT ASSET Program; Operations Division, P.O. Box 168; Iowa City, IA 52243.
GL GRADE LEVEL: Higher Education.
AB ABSTRACT: An assessment-advising program developed to identify basic skill levels of students as they enter two-year postsecondary institutions. Primary goal of the program is to gather information about individual student's skills, needs, and plans in order to

assist student in developing and implementing a sound program of study to meet student needs and goals. As part of the program, students complete educational planning forms, take tests in the areas of language usage, reading, and numerical skills, and participate in advising sessions.

AN ACCESSION NUMBER: TC015178 ETS 8705.
TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests.
DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers; Computation-Decimals and Fractions; Graphs and Statistics.
AU AUTHOR: Hogan, Thomas P.; And Others.
YR YEAR: 86.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GR GRADE LEVEL: K-12.
AB ABSTRACT: This is the diagnostic component of the Metropolitan Achievement Tests, 6th edition (MAT6). When used with the survey component, provides a comprehensive assessment package to meet varied needs of schools. For each level of the test, instructional objectives were identified. Each objective is assessed by at least three items. Criterion-referenced information is provided for each objective so that students' competence in meeting the objectives can be assessed. Designed as an instructional planning tool for classroom teachers and instructional specialists. Provides detailed prescriptive information on educational performance of individual students in terms of specific instructional objectives. Aids in instructional planning for students needing remediation or for those performing at average or above average levels. Diagnostic batteries are statistically equated to scores in the same domain as the corresponding MAT6 survey batteries. Provides both norm-referenced and criterion-referenced scores. Subtests vary with level.

AN ACCESSION NUMBER: TC015044-015041 ETS 8705.
TI TITLE: Tests for Adult Basic Education, Forms 5 and 6.
DT SUBTESTS: Vocabulary; Comprehension; Mathematics Computation; Mathematics Concepts and Applications; Language Mechanics; Language Expression; Spelling.
AU INSTITUTIONAL AUTHOR: CTB/McGraw-Hill; Monterey, CA.
YR YEAR: 87.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
TG TARGET AUDIENCE: Adults.
AB ABSTRACT: Norm-reference tests designed to measure achievement in reading, mathematics, language, and spelling, the subjects most commonly found in adult basic education curricula. Test focuses on the basic skills required for an individual to function in society. Tests combine the characteristics of norm-referenced and criterion-referenced tests and provide information about the relative ranking of examinees against a norm group and specific information about the instructional needs of the examinees. Results allow teachers and administrators to diagnose, evaluate, place examinees in adult education programs. There is a correlation between scores on this test and the scores on the General Educational Development (GED) tests. Items on this test reflect language and content appropriate for adults and measure the understanding and application of conventions and principles. Test items are not intended to measure specific knowledge or recall of facts. There are four

overlapping levels and two parallel forms for each level. The four levels and their estimated grade ranges are: E (easy) with a grade range of 2.6 - 4.9; M (medium) with a grade range of 4.6 - 6.9; D (difficult) with a grade range of 6.6 - 8.9; and A (advanced) with a grade range of 8.6 - 12.9. There is also a survey form which is a subset of the complete battery and can be used to quickly screen examiness for appropriate placement in programs of instruction.

AN ACCESSION NUMBER: TC015018-015016 ETS 8705.
TI TITLE: Adult Basic Learning Examination, Second Edition.
DT SUBTESTS: Vocabulary; Reading Comprehension; Spelling; Number Operations; Problem Solving.
AU AUTHOR: Karlson-Bjorn; Gardner-Eric.
YR YEAR: 86.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
TG TARGET AUDIENCE: Adults.
AB ABSTRACT: Battery of tests measuring the level of educational achievement among adults. Determines general educational level of adults who have not completed twelve years of schooling and evaluates efforts to raise the educational level of these adults. Has adult oriented content and a non-threatening format. Covers basic skills in reading, mathematics and the language arts. Easy to administer. No single subtest requires more than thirty-five minutes. Content of ABLE, second edition, is totally new. The schooling. The grade designation of each level refers to the achievement level that can be assessed most readily. At each level, two forms are available, Form E and Form F, which are paralled in content and difficulty. Two forms are to be used when reevaluation or periodic testing is desired. SelectABLE is a screening device to determine which level is most suitable for a particular individual if prior educational information is not available. Three levels reflect the amount of schooling an adult has had: Level 1, one to four; Level 2, five to eight; Level 3, 8 years to below graduate from high school.

AN ACCESSION NUMBER: TC014866 ETS 8705.
TI TITLE: Pollack-Branden Inventory for Identification of Learning Disabilities, Dyslexia, and Classroom Dysfunction.
DT SUBTESTS: Spelling; Dictated Sentences and Handwriting; Sound/Symbol; Oral Reading Skills; Mathematics; Written Composition.
AU AUTHOR: Pollack-Cecelia; Branden-Ann.
YR YEAR: 86.
AV AVAILABILITY: Book-Lab; 500 74th Street, North Bergen, NJ 07047.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 60; approx.
AB ABSTRACT: Criterion-referenced test designed to identify students in grades one through twelve who exhibit certain language weaknesses symptomatic of dyslexia. May also be used for basic skill diagnosis. Test may be administered to lower grades in 45 minutes, while in

upper grades test may take 60 minutes. Error analysis is run on responses so that an individualized curriculum may be developed for the student. Also provides information on the presence and remediation of dyslexia.

AN ACCESSION NUMBER: TC014793 ETS 8609.
TI TITLE: MAPS.
DT SUBTESTS: English; Mathematics; Reading; Written English Expression; Computation; Applied Arithmetic; Elementary Algebra; Intermediate Algebra; Test of Standard Written English; Scholastic Aptitude Test; American History and Social Studies; Biology; Chemistry; English Composition; French Reading; German Reading; Mathematics Level 1; Physics; Spanish Reading; European History and World Cultures; French Listening-Reading; Literature; Mathematics Level 2; German Listening Comprehension; German Listening-Reading; Spanish Listening Comprehension; Spanish Listening Reading; Hebrew; Greek.
AU INSTITUTIONAL AUTHOR: Educational Testing Service, Princeton, NJ.
AV AVAILABILITY: Multiple Assessment and Program Services of the College Board; CN6725; Princeton, NJ 08541-6725.
GL GRADE LEVEL: Higher Education.
AB ABSTRACT: This series of tests is for use by colleges, for admissions, placement of students, remedial or developmental studies, exemption, guidance and counseling. Some of the tests are drawn from the national Admissions Testing Program, including the Test of Standard Written English, Scholastic Aptitude Test and Achievement Tests. Some are self-scoring (English, Mathematics). The tests are in three levels of difficulty: somewhat less difficult than typical entry-level tests; standardized four-year college entry level; advanced preparation for college work.

AN ACCESSION NUMBER: TC014715 ETS 8609.
TI TITLE: Diagnostic Achievement Test for Adolescents.
DT SUBTESTS: Word Identification; Reading Comprehension; Math Calculations; Math Problem Solving; Spelling; Writing Composition; Science; Social Studies; Reference Skills.
AU AUTHOR: Newcomer-Phyllis-L; Bryant-Brian-R.
YR YEAR: 86.
AV AVAILABILITY: Pro-Ed; 8700 Shoal Creek Blvd., Austin, TX 78758-6897.
GL GRADE LEVEL: 7; 8; 9; 10; 11; 12.
TG TARGET AUDIENCE: AGE 13-17, Adults.
NT NOTES:
TIME: 120; approx.
AB ABSTRACT: Provides examiners with an estimate of a student's knowledge of information commonly taught in the schools. The test has four purposes: to identify students below their peers in the content areas of reading, writing, mathematics, science, social

studies and reference skills; to identify individual students' strengths and weaknesses; to document students' progress as a result of intervention programs; and to use as a measurement tool in research studies.

AN ACCESSION NUMBER: TC014560 ETS 8609.
TI TITLE: Diagnostic Tests for Minimal Math Competencies.
AU AUTHOR: Pyrczak-Fred; Longmire-John.
YR YEAR: 80.
AV AVAILABILITY: J. Weston Walch, Publisher; P.O. Box 658; Portland, ME 04104-0658.
GL GRADE LEVEL: 9; 10; 11; 12.
NT NOTES:
ITEMS: 15.
AB ABSTRACT: A series of tests designed for diagnosing student strengths and weaknesses for guiding instruction in general math courses and in preparing them for minimum competency exams as a graduation requirement. Math problems have practical application such as budgeting and taxes. Math vocabulary is tested to identify poor reading or conceptual skills. Each test also has a series of computational problems. A survey test is included to monitor overall progress. The tests are available as copy masters to be reproduced by the individual purchaser as necessary.

AN ACCESSION NUMBER: TC014314 ETS 8602.
TI TITLE: Kaufman Test of Educational Achievement, Comprehensive Form.
DT SUBTESTS: Mathematics Applications; Reading Decoding; Spelling; Reading Comprehension; Mathematics Computation.
AU AUTHOR: Kaufman-Alan-S; Kaufman-Nadeen-L.
YR YEAR: 85.
AV AVAILABILITY: American Guidance Service; Publishers Building, Circle Pines, MN 55014-1796.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 75; approx.
ITEMS: 280.
AB ABSTRACT: Individually administered test of school achievement. The comprehensive form offers reliable scores in the specific domains of reading decoding, reading comprehension, mathematics applications, mathematics computation, and spelling. In addition to offering norm-referenced measurement in selected achievement domains, this form offers criterion-referenced assessment in the analysis of students' errors in various content areas. Mathematics applications subtest covers arithmetic concepts and applications of mathematical principles and reasoning skills to real-life situations. Reading decoding assesses the ability to identify letters and pronounce words of increasing difficulty. The spelling section uses a word list of increasingly difficult words. Mathematics computation assesses skills in solving written computational

problems using the four basic operations and also complex computational abilities in areas such as algebra. The comprehensive form may be used as part of a comprehensive psychological or psychoeducational battery, for analyzing strengths and weaknesses, analyzing errors, program planning, research, placement, and personnel selection.

AN ACCESSION NUMBER: TC014001 ETS 8512.
TI TITLE: Sequential Assessment of Mathematics Inventories.
DT SUBTESTS: Mathematical Language; Ordinality; Number and Notation; Computation; Measurement; Geometric Concepts; Mathematical Applications; Word Problems.
AU AUTHOR: Reisman-Fredricka-K.
YR YEAR: 85.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8.
NT NOTES:
TIME: 60; approx.
AB ABSTRACT: Primarily intended for those educators who assess or instruct students who have difficulty in learning mathematics. May also be administered by teachers in regular classrooms to normally achieving students but is mainly intended for use by school personnel who normally assess student performance in mathematics, including school psychologists, educational diagnosticians, and special education teachers. Consists of two instruments to assess mathematics performance: the SAMI Standardized Inventory and a parallel program for classroom use, the SAMI Informal Inventory may be used independently or in combination to develop a comprehensive profile of a student's overall standing in the mathematics curriculum. Test is individually administered as takes from 20 to 60 minutes, depending on student's level.

AN ACCESSION NUMBER: TC013997 ETS 8512.
TI TITLE: Stanford Diagnostic Mathematics Test, Third Edition, Blue Level.
DT SUBTESTS: Number System and Numeration; Computation; Applications.
AU AUTHOR: Beatty-Leslie-S.
YR YEAR: 84.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 8; 9; 10; 11; 12.
NT NOTES:
TIME: 90.
ITEMS: 114.
AB ABSTRACT: Designed to measure progress in basic mathematics concepts and skills and to identify individual needs for developing instructional strategies. Said to contain more easy items to increase reliability for students scoring below the 50th percentile. Complies with Chapter 1 testing requirements. Statistically linked with the Stanford Achievement Test (TC 011 695-011 700) for pre- and posttesting use. Two forms are available. Covers: whole numbers (addition, subtraction, multiplication, division), fractions, decimals, percent, equations, problem solving, tables and graphs, geometry and measurement.

AN ACCESSION NUMBER: TC013996 ETS 8512.
TI TITLE: Stanford Diagnostic Mathematics Test, Third Edition, Brown Level.
DT SUBTESTS: Number System and Numeration: Computation; Applications.
AU AUTHOR: Beatty-Leslie-S; And Others.
YR YEAR: 84.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 6; 7; 8.
NT NOTES:
TIME: 114.
ITEMS: 100.

AN ACCESSION NUMBER: TC013705 ETS 8512.
TI TITLE: Martinez Assessment of the Basic Skills: Criterion-Referenced Diagnostic Testing of Basic Skills.
DT SUBTESTS: Reading: Primary Language Concepts; Arithmetic; Spelling; Counting & Numerals; Time Telling.
AU AUTHOR: Martinez-David.
YR YEAR: 83.
AV AVAILABILITY: ASIEP Education Company; 4065 SW 55th Dr., Portland, OR 97221-2025.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
NT NOTES:
TIME: 180; approx.
AB ABSTRACT: The six diagnostic criterion areas in this assessment instrument are appropriate for mildly handicapped students in the regular classroom as well as those served in resource and self-contained settings. Mildly handicapped generally refers to students identified under PL 94-142 and other non-categorical underachievers who may profit from a criterion-referenced skill assessment. No attempt should be made to assign grade level achievement to the six areas which are: Reading; Primary Language Concepts; Arithmetic; Spelling; Counting and Numerals; and Time Telling. There is a list of behavioral objectives with each area which may be used in the development of individual education programs (IEPs). A Spanish version is available for four of the tests: Arithmetic; Counting and Numerals; Time Telling and Primary Language Concepts.

AN ACCESSION NUMBER: TC013616 ETS 8512.
TI TITLE: DMI Mathematics Systems: System 1, Level G.
AU AUTHOR: Gessel-John.
YR YEAR: 83.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 6; 7; 8.
AB ABSTRACT: A criterion-referenced approach to mathematics assessment

and instruction for students in kindergarten through grade 8. Helps teachers to identify students' strengths and weaknesses. Designed to enable teachers to place students for assessment, diagnose students' instructional needs, prescribe activities; teach specific skills. monitor progress and reinforce and enrich mastered skills. Assessment materials evaluate students' mastery of instructional objectives common to mathematics curricula in grades K through 8 and above. Objectives are organized into four strands: whole numbers, fractions and decimals, measurement and geometry, and problem solving and special topics. Strands are divided into 29 categories of objectives and these are subdivided into 82 instructional objectives.

AN ACCESSION NUMBER: TC013466 ETS 8512.
TI TITLE: Diagnostic Screening Test: Math, Third Edition, Revised.
DT SUBTESTS: Money; Time; Per Cent; U.S. Measurement; Metric; Addition; Subtraction; Multiplication; Division.
AU AUTHOR: Gnagey-Thomas-D.
YR YEAR: 80.
AV AVAILABILITY: Slosson Educational Publications; P.O. Box 280; East Aurora, NY 14052.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10.
NT NOTES:
TIME: 20; approx.
ITEMS: 73.
AB ABSTRACT: Designed to assess basic computational skills as well as knowledge of percent metric measurement, money, and time. Yields a grade equivalent score. Forms A and B are available.

AN ACCESSION NUMBER: TC012645 ETS 8512.
TI TITLE: Wisconsin Mathematics Test, Grade 8.
AU INSTITUTIONAL AUTHOR: Wisconsin State Dept. of Public Instruction, Madison. Div. of Instructional Services.
YR YEAR: 78.
AV AVAILABILITY: ERIC Document Reproduction Service (EDRS); Cincinnati Bell Information Systems Federal, 7420 Fullerton Rd., Suite 110, Springfield, VA 22153-2852 (ED 171 586; 67 pages).
GL GRADE LEVEL: 8.
NT NOTES:
ITEMS: 63.
AB ABSTRACT: This achievement test is based on objectives identified in "Guidelines to Mathematics, 6-8." The test can be used as a criterion-referenced instrument, a diagnostic instrument, or an achievement instrument. Each test item is cross-referenced to the corresponding student behavioral objective in the above publication. This cross-referencing makes it possible to analyze strengths and weaknesses through item analysis comparison with objectives.

AN ACCESSION NUMBER: TC012644 ETS 8512.
TI TITLE: Wisconsin Mathematics Test, Grade 7.
AU INSTITUTIONAL AUTHOR: Wisconsin State Dept. of Public Instruction, Madison. Div. of Instructional Services.
YR YEAR: 78.
AV AVAILABILITY: ERIC Document Reproduction Service (EDRS); Cincinnati Bell Information Systems Federal, 7420 Fullerton Rd., Suite 110, Springfield, VA 22153-2852 (ED 171 586; 67 pages).
GL GRADE LEVEL: 7.
NT NOTES:
ITEMS: 85.
AB ABSTRACT: This achievement test is based on objectives identified in "Guidelines to Mathematics, 6-8." The test can be used as a criterion-referenced instrument, a diagnostic instrument, or an achievement instrument. Each test item is cross-referenced to the corresponding student behavioral objective in the above publication. This cross-referencing makes it possible to analyze strengths and weaknesses through item analysis comparison with objectives.

AN ACCESSION NUMBER: TC012212 ETS 8410.
TI TITLE: Basic Achievement Skills Individual Screener.
DT SUBTESTS: Reading; Mathematics; Spelling; Writing.
AU INSTITUTIONAL AUTHOR: The Psychological Corporation, San Antonio, TX.
YR YEAR: 83.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 55.
AB ABSTRACT: Individually administered achievement test providing norm- and criterion-referenced score interpretation in reading, mathematics and spelling. An optional writing sample is included. For use as part of diagnostic assessment of students prior to development of IEP's or in placing students in class or text. Norms available for native American students (GR. 5-7), hearing impaired (GR. 4-6); emotionally handicapped students (Gr. 6-8), educable mentally retarded students (Gr. 7-9), gifted (Gr. 2-5); Learning disabled students (Gr. 3-8). Said to be useful with a post-high school population.

AN ACCESSION NUMBER: TC012035 ETS 8410.
TI TITLE: Analytic Learning Disability Assessment.
AU AUTHOR: Gnagey-Thomas-D; Gnagey-Patricia-A.
YR YEAR: 82.
AV AVAILABILITY: Slosson Educational Publications; P.O. Box 280; East Aurora, NY 14052.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
TG TARGET AUDIENCE: AGE 5-17.
NT NOTES:

TIME: 75; approx.
ITEMS: 77.
AB ABSTRACT: Used to distinguish those students with specific learning skills deficits from those not having those deficits. Tests 77 skills which underlie basic school subjects, to reveal how students go about individual processes of learning. Summary scores include conceptualization and generalization, neuropsychological effiency and organization. subject achievement potential; grade level achievement; educational lag; age level achievement; learning lag; neuropsychological lag; neuropsychological achievement potential; mean achievement level; neuropsychological achievement proficiency; failed unit score total; pervasive school readiness dysfunction; content achievement potential.

AN ACCESSION NUMBER: TC011925 ETS 8410.
TI TITLE: Brigance Diagnostic Comprehensive Inventory of Basic Skills.
DT SUBTESTS: Readiness; Speech; Word Recognition Grade Placement; Oral Reading; Reading Comprehension; Listening; Functional Word Recognition; Word Analysis; Reference Skills; Writing; Math Grade Placement; Numbers; Number Facts; Computation of Whole Numbers; Fractions and Mixed Numbers; Decimals; Percents; Word Problems; Graphs and Maps; Spelling; Metrics; Math Vocabulary.
AU AUTHOR: Brigance-Albert-H.
YR YEAR: 83.
AV AVAILABILITY: Curriculum Associates; 5 Esquire Road, North Billerica, MA 01862-2589.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
AB ABSTRACT: Designed primarily for use in elementary and middle schools and is of value for those school programs which emphasize individualized instruction and which serve students with special needs. Inventory contains 203 skill sequences to be assessed in the areas of reading, listening, research and study skills, spellling, language and mathematics. Forms A and B are available for 51 of the skill sequences. Inventory may be used as an assessment instrument for screening and diagnostic purposes, as an instructional guide for educational objectives, a record-keeping and tracking system, a tool to develop and communicate individualized instructional plans, and as a resource for curriculum and staff development.

AN ACCESSION NUMBER: TC011444 ETS 8410.
TI TITLE: EDS Diagnostic Skill Level Inventory for Basic Mathematics.
DT SUBTESTS: Mathematics Computation; Mathematics Concepts; Mathematics Application.
AU AUTHOR: Henney; R-Lee.
YR YEAR: 79.
AV AVAILABILITY: Educational Diagnostic Services; 2370 County Rd. 13, Corunna, IN 46730.
TG TARGET AUDIENCE: Adults.
NT NOTES:

ITEMS: 90.
AB ABSTRACT: Developed to diagnose the strengths and weaknesses of adult students at the basic level. Each inventory allows diagnosis of functional weaknesses within that academic discipline in order to concentrate on specific problems between the 0 to 4 equivalent grade levels. Can be used for predictive assessments for passing the new General Educational Development Tests (GED).

AN ACCESSION NUMBER: TC011441 ETS 8410.
TI TITLE: EDS Diagnostic Skill Level Inventory For Mathematics.
DT SUBTESTS: Basic Functions; Algebra; Geometry; Applications.
AU AUTHOR: Henney-R-Lee.
YR YEAR: 75.
AV AVAILABILITY: Educational Diagnostic Services; 2370 County Rd. 13, Corunna, IN 46730.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 60.
ITEMS: 40.
AB ABSTRACT: Developed to diagnose the strengths and weaknesses of adult students at the high school level. Each inventory allows diagnosis of functional weaknesses within that academic discipline in order to concentrate on specific problems between the 9 to 12 equivalent grade levels. Can be used for predictive assessments for passing the new General Educational Development Tests (GED).

AN ACCESSION NUMBER: TC011439 ETS 8410.
TI TITLE: EDS Diagnostic Skill Level Inventory for Advanced Mathematics.
DT SUBTESTS: Mathematics Computation; Mathematical Concepts; Mathematics Application.
AU AUTHOR: Henney-R-Lee.
YR YEAR: 79.
AV AVAILABILITY: Educational Diagnostic Services; 2370 County Rd. 13, Corunna, IN 46730.
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 90.
AB ABSTRACT: Designed to diagnose the strengths and weaknesses of adult students at the advanced level. Each inventory allows diagnosis of functional weaknesses within that academic discipline in order to concentrate on specific problems between the 5 to 8 equivalent grade levels. Can be used for predictive assessments for passing the new General Educational Development Tests (GED).

AN ACCESSION NUMBER: TC010977 ETS 8410.
TI TITLE: Adult Basic Education/Learning Disabilities Screening Test.
DT SUBTESTS: Word Recognition; Arithmetic; Spelling; Writing Sample: Reading Comprehension.
AU AUTHOR: Vaillancourt-Beverly.
YR YEAR: 79.
AV AVAILABILITY: ERIC Document Reproduction Service (EDRS); Cincinnati Bell Information Systems Federal, 7420 Fullerton Rd., Suite 110, Springfield, VA 22153-2852 (ED193433; 233 pages).
TG TARGET AUDIENCE: Adults.
NT NOTES:
ITEMS: 66.
AB ABSTRACT: Designed to determine competencies in reading, written communication and mathematics. For use with adults who can not complete a reading placement test. Group or individually administered.

AN ACCESSION NUMBER: TC010893 ETS 8410.
TI TITLE: Brigance Diagnostic Inventory of Essential Skills.
DT SUBTESTS: Reading; Language Arts; Mathematics; Life Skills.
AU AUTHOR: Brigance-Albert-H.
YR YEAR: 81.
AV AVAILABILITY: Curriculum Associates, Inc.: 5 Esquire Rd., North Billerica, MA 08162.
GL GRADE LEVEL: 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 3887.
AB ABSTRACT: Criterion-referenced measure designed for use with special needs students in secondary programs for assessment, diagnosis, record keeping and instructional planning. Covers basic academic and applied skills relevant to functioning as citizen, consumer, worker and family member. Ten rating scales cover traits, behaviors, attitudes and skills.

AN ACCESSION NUMBER: TC009667 ETS 8410.
TI TITLE: Noonan-Spradley Diagnostic Program of Computational Skills.
DT SUBTESTS: Addition: Whole Numbers and Decimals; Subtraction; Whole Numbers and Decimals; Multiplication; Whole Numbers and Decimals; Division; Whole Numbers and Decimals; Equivalent Forms; (Common Fractions); Multiplication; (Common Fractions); Division; (Common Fractions); Addition; (Common Fractions); Subtraction; (Common Fractions); Ratio and Proportion; Percent.
AU AUTHOR: Noonan-Barry; Spradley-Thomas-S.
YR YEAR: 70.
AV AVAILABILITY: Allied Education Council; Distribution Center, P.O. Box 78; Galien, MI 49113.
GL GRADE LEVEL: 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
ITEMS: 111.

AB ABSTRACT: A diagnostic test based on the actual errors of junior and senior high school students. Used in beginning basic mathematics, elementary algebra and physical science courses to identify student deficiencies in computational skills.

AN ACCESSION NUMBER: TC810705 ETS 9004.
TI TITLE: Maths Microprobe.
AU AUTHOR: Hagues-Neil.
YR YEAR: 89.
AV AVAILABILITY: NFER-Nelson Publishing Company; Darville House, 2 Oxford Road East, Windsor, Berks SL4 1DF, England.
GL GRADE LEVEL: 4; 5; 6; 7; 8.
AB ABSTRACT: This computer-administered diagnostic test of addition and subtraction is designed to identify areas in which students need instruction. Can diagnose wrong responses made by the child in any of 32 different ways. Problems use three-figure computation. For use by classroom teachers, educational psychologists, and other professionals. Used with a BBC Micro 40 Track computer.